

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF INFORMATION CITED BY APPLICANT Page 1 of 2	ATTY. DOCKET NO.	SERIAL NO.
	PSU 002182A	09/598,395
	APPLICANT	
	NATAN ET AL.	
FILING DATE	GROUP	
JUNE 20, 2000	1631	

U.S. PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB-CLS	FILE DATE
AM	AA	3,755,730	08/28/73	Vogelgesang	324	34R	
AM	AB	3,878,367	04/15/75	Fayling et al.	235	61,12M	
AM	AC	3,897,284	07/29/75	Livesay	149	21	
AM	AD	4,053,433	10/11/77	Lee	252	408	
AM	AE	4,098,935	07/04/78	Knudsen	428	40	
AM	AF	4,306,993	12/22/81	Danielson et al.	252	316	
AM	AG	4,329,393	05/11/82	La Perre et al.	428	325	
AM	AH	4,390,452	06/28/83	Stevens	252	408.1	
AM	AI	4,397,142	08/09/83	Bingham	57	238	
AM	AJ	4,469,623	09/04/84	Danielson et al.	252	408.1	
AM	AK	4,527,383	07/09/85	Bingham	57	200	
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB-CLS	TRANS?
AM	AO	WO 99/18240	04/15/99	PCT, <i>Sorge</i>			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	AP	Al-Mawlawi et al. (1994) J. Mater. Res. 9:1014	✓
AM	AQ	Bruchez et al. (1998) Science 281:2013	X
AM	AR	Cepak and Martin (1999) Chem. Mater. 11:1363	✓
EXAMINER		<i>Andin Mascher</i>	DATE CONSIDERED
			7-22-02
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

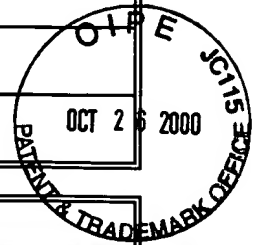
FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. PSU 002182A	SERIAL NO. 09/598,395
LIST OF INFORMATION CITED BY APPLICANT Page 2 of 2		APPLICANT NATAN ET AL.	
		FILING DATE JUNE 20, 2000	GROUP 1631

U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB-CLS	FILED DATE
	BA						

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB-CLS	TRANS?
	BB						
	BB						
	BD						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AM	BE	Cepak and Martin (1998) J. Phys. Chem. B 102:9985 ✓
AM	BE	Davis et al. (1998) Chem. Mater. 10:2516 ✓
AM	BG	Martin et al. (1999) Adv. Materials 11:1021 ✓
AM	BN	Martin (1996) Chem. Mater. 8:1739 ✓
AM	BI	Meng et al. (1998) Solid State Communications 106:215 ✓
AM	BJ	Merchant and Weinberger (2000) Electrophoresis 2000 21:1164 ✓
AM	BK	Michael et al. (1998) Anal. Chem. 70:1242 ✓
AM	BL	van der Zande et al. (1997) J. Phys. Chem. B. 101:852 ✓
AM	BM	Wang et al. (1996) Thin Solid Films 288:86 ✓
AM	BN	Wong et al. (1996) Chem. Mater. 8:2041 ✓
AM	BO	Zhang et al. (1999) Chem. Mater. 11:1659 ✓
	BP	
	BQ	
	BR	
	BS	
EXAMINER <i>Adam Marschall</i> DATE CONSIDERED <i>7-22-02</i>		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF INFORMATION CITED BY APPLICANT Page 1 of 2	ATTY. DOCKET NO. PSU 002182A	AL NO. 09/598,395
	APPLICANT NATAN ET AL.	
	FILING DATE JUNE 20, 2000	GROUP 1631

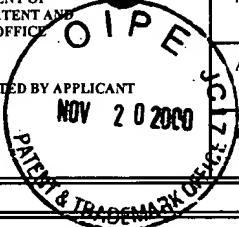


U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB-CLS	FILE DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AC						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB-CLS	TRANS?
	AO						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AM	AP	McDade and Fulton (1997) Medical Device and Diagnostic Industry 19:75
	AQ	
	AR	
EXAMINER	Andrew Maschay DATE CONSIDERED 7-22-02	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. PSU 002182A	FILE NO. 09/598,395
LIST OF INFORMATION CITED BY APPLICANT Page 1 of 2		APPLICANT NATAN ET AL.	
		FILING DATE JUNE 20, 2000	GROUP 1631

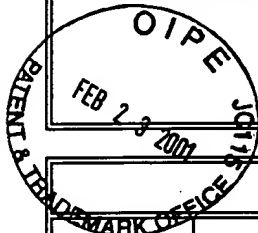


U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB-CLS	FILE DATE
	AA	09/677,198	10/02/00	Natan et al.			
	AB	09/677,203	10/02/00	Natan et al.			
	AC	09/676,890	10/02/00	Natan et al.			
	AE						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB-CLS	TRANS?
	AL						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AM	AM	Cepak et al. (1997) Chem. Mater. 9:1065 X
AM	AN	El-Kouedi et al. (1998) Chem. Mater. 10:3287 X
AM	AQ	El Kouedi and Foss, Jr. (2000) J. Phys. Chem. B. 104:4031 X
AM	AP	Martin et al. (1990) J. Am. Chem. Soc 112:8976 X
AM	AQ	Piatek et al. (1998) Nature Biotechnology 16:359 X
EXAMINER	Arden Mansley	
	DATE CONSIDERED	7-22-02
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. PSU 00 2182A	SERIAL NO. 09/598,395
LIST OF INFORMATION CITED BY APPLICANT Page 1 of 2	APPLICANT NATAN <i>ET AL.</i>	
	FILING DATE JUNE 20, 2000	GROUP <i>1754 1631</i>



U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB-CLS	FILE DATE
<i>AM</i>	AA	4,679,939	07/14/87	Curry <i>et al.</i>	<i>356</i>	<i>336</i>	
<i>AM</i>	AB	4,855,930	08/08/89	Chao <i>et al.</i>	<i>364</i>	<i>497</i>	
<i>AM</i>	AC	5,091,188	02/25/92	Haynes <i>WBA</i>	<i>424</i>	<i>450</i>	
<i>AM</i>	AD	5,303,710	04/19/94	Bashkansky <i>et al.</i>	<i>128</i>	<i>665</i>	
<i>AM</i>	AE	5,449,565	09/12/95	Aoki <i>et al.</i>	<i>428</i>	<i>694BA</i>	
<i>AM</i>	AF	5,508,164	04/16/96	Kausch <i>et al.</i>	<i>435</i>	<i>6</i>	
<i>AM</i>	AG	5,512,131	04/30/96	Kumar <i>et al.</i>	<i>156</i>	<i>655.1</i>	
<i>AM</i>	AH	5,645,619	07/08/97	Erickson <i>et al.</i>	<i>51</i>	<i>309</i>	
<i>AM</i>	AI	5,667,667	09/16/97	Southern	<i>205</i>	<i>687</i>	
<i>AM</i>	AJ	5,846,517	12/08/98	Unger	<i>424</i>	<i>9.52</i>	
<i>AM</i>	AK	5,927,621	07/27/99	Ziolo <i>et al.</i>	<i>241</i>	<i>2.1</i>	
<i>AM</i>	AL	5,985,356	11/16/99	Schultz <i>et al.</i>	<i>427</i>	<i>8</i>	
<i>AM</i>	AM	5,997,958	12/07/99	Sato <i>et al.</i>	<i>427</i>	<i>468</i>	

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB-CLS	TRANS?
	AN						
	AO						
	AP						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AQ	
	AR	
	AS	
EXAMINER	<i>Ardin Marcello</i>	DATE CONSIDERED <i>7-22-02</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and <u>not</u> considered. Include copy of this form with next communication to applicant.		

ATTY. DOCKET NO. PSU 00 2182A

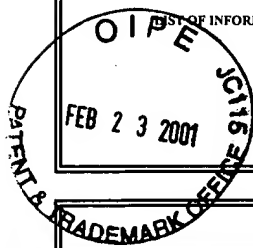
SERIAL NO. 09/598,395

LIST OF INFORMATION CITED BY APPLICANT
Page 2 of 2

APPLICANT NATAN ET AL.

FILING DATE JUNE 20, 2000

GROUP ~~125~~ 1631



U.S. PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB-CLS	FILEDA TE
AM	BA	6,020,419	02/01/00	Bock et al.	524	590	
AM	BB	6,071,336	06/06/00	Fairchild et al.	106	464	
AM	BC	6,093,302	07/25/00	Montgomery 1631	205	122	
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						
	BL						
	BM						

RECEIVED
FEB 23 2001
C 1700 MAIL ROOM

FOREIGN PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB-CLS	TRANS?
	BN						
	BO						
	BP						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	BQ	
	BR	
	BS	

EXAMINER

Andin Mancoske

DATE CONSIDERED

7-22-02

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF
COMMERCE PATENT
AND TRADEMARK
OFFICE

List of Information Cited by Applicant

Page 1 of 1

ATTY. DOCKET NO.

PSU 00 2182A

SERIAL NO.

09/598,395

APPLICANT

NATAN ET AL.

FILING DATE

JUNE 20, 2000

GROUP

1631

TECH CENTER 1601/2950
DEC 12 2001

RECEIVED

U.S. PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB- CLS	FILE DATE
AM	AA	4,884,886	12/05/89	Salzman et al.	356	367	
AM	AB	5,674,743	10/07/97	Ulmer	435	287.2	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						

FOREIGN PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB CLS	TRANS ?
	AR						
	AS						
	AT						
	AU						
	AV						
	AW						
	AX						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AY	
	AZ	
	AAA	
	AAB	
	AAC	
	AAD	

EXAMINER

Adrian Mansel

DATE CONSIDERED

7-22-02

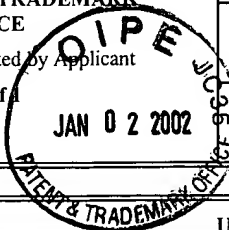
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

JAN 04 2002

TECH CENTER 1600/2900

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE List of Information Cited by Applicant Page 1 of 1	ATTY. DOCKET NO. PSU 00 2182A	SERIAL NO. 09/598,395
	APPLICANT NATAN ET AL.	
	FILING DATE JUNE 20, 2000	GROUP 1631



U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB- CLS	FILE DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB CLS	TRANS ?
Am	AR	WO 00/63419	10/26/00	PCT, Ravbin et al.			
	AS						
	AT						
	AU						
	AV						
	AW						
	AX						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AY	
	AZ	
	AAA	
	AAB	
	AAC	
	AAD	
EXAMINER	Arden Marsch	
	DATE CONSIDERED 7-22-02	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE List of Information Cited by Applicant Page 1 of 1 JAN 04 2002 PATENT & TRADEMARK OFFICE	ATTY. DOCKET NO. PSU 00 2182A	SERIAL NO. 09/598,395
	APPLICANT NATAN ET AL.	
	FILING DATE JUNE 20, 2000	GROUP 1631

U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB- CLS	FILE DATE
AM	AA	4,131,064	12/26/78	Ryan et al.	101	1R	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB CLS	TRANS ?
	AR						
	AS						
	AT						
	AU						
	AV						
	AW						
	AX						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AY	
	AZ	
	AAA	
	AAB	
	AAC	
	AAD	
EXAMINER	Andin Marschall	
	DATE CONSIDERED 7-22-02	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

FORM PTO-1449

U.S. DEPARTMENT OF
COMMERCE PATENT
AND TRADEMARK
OFFICE

ATTY. DOCKET NO.

PSU 00 2182A

SERIAL NO.

09/598,395

List of Information Cited by Applicant

Page 1 of 1

APPLICANT

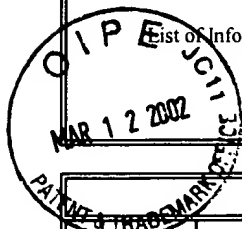
NATAN ET AL.

FILING DATE

JUNE 20, 2000

GROUP

1631



U.S. PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB- CLS	FILE DATE
AM	AA	6,334,856	01/01/02	Allen et al.	604	191	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						

RECEIVED

MAR 15 2002

TECH CENTER 1600/2900

FOREIGN PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB CLS	TRANS ?
	AR						
	AS						
	AT						
	AU						
	AV						
	AW						
	AX						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AY	
	AZ	
	AAA	
	AAB	
	AAC	
	AAD	

EXAMINER

Arden Marsch

DATE CONSIDERED 7-22-02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.